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## Product Datasheet

### Human MRPS12(28S ribosomal protein S12, mitochondrial) ELISA Kit EBT-ELK0857

Article Name	Human MRPS12(28S ribosomal protein S12, mitochondrial) ELISA Kit
Biozol Catalog Number	EBT-ELK0857
Supplier Catalog Number	ELK0857
Alternative Catalog Number	EBT-ELK0857-96, EBT-ELK0857-48, EBT-ELK0857-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	50 ng/mL
Range	0.79-50 ng/mL
Sensitivity	0.28 ng/mL
UniProt	<a href="#">O15235</a>
Samples	cell lysates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Developmental science,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human MRPS12. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MRPS12. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Human MRPS12 in the samples is then determined by comparing the OD of the samples to the standard curve